

Mouse anti-Human ENAH/MENA Monoclonal Antibody | anti-ENAH antibody

ENAH/MENA (Actin Regulator)

CATALOG # AAA215157	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

ENAH/MENA; Monoclonal Antibody; ENAH/MENA (Actin Regulator); ENA; ENAH; MENA; NDPP1; anti-ENAH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2c, kappa
Clone Number	ENAH/1988
Specificity	The Wiskott-Aldrich syndrome (WAS) is characterized by thrombocytopenia, eczema, defects in cell-mediated and humoral immunity and a propensity for lymphoproliferative diseases. The syndrome is the result of a mutation in the gene encoding a proline-rich protein termed WASP. WASP is a downstream effector of Cdc42 and has been implicated in actin polymerization and cyto- skeletal organization. Distantly related proteins, VASP (vasodilator-stimulated phosphoprotein) and Mena (for mammalian enabled protein), are involved in the regulation of cytoskeletal dynamics. Both Mena and VASP accumulate at focal adhesions. Mena is highly expressed in the developing nervous system and may be involved in growth cone motility and axon guidance.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	527
Applicable Applications for anti-ENAH antibody	WB (Western Blot), ELISA
Positive Control	MCF-7 cells. Uterus.
Immunogen	Recombinant fragment of human MENA protein (around aa 485-589) (exact sequence is proprietary)
Cellular Localization	Cytoplasmic
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



Application Data

Analysis of Protein Array containing more than 19,000 full-length human proteins using ENAH/MENA Mouse Monoclonal Antibody (ENAH/1988) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (Monoclonal Antibody) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a Monoclonal Antibody to its intended target. A Monoclonal Antibody is considered to be specific to its intended target, if the Monoclonal Antibody has an S-score of at least 2.5. For example, if a Monoclonal Antibody binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that Monoclonal Antibody to protein X is equal to 29.



WB (Western Blot)

Western Blot Analysis of human HeLa and MCF-7 cell lysate with ENAH/MENA Mouse Monoclonal Antibody (ENAH/1988).



SDS-PAGE

SDS-PAGE Analysis Purified ENAH/MENA Mouse Monoclonal Antibody (ENAH/1988). Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

References	Stewart, D.M., et al. 1996. J. Clin. Invest. 97: 2627-2634.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40850918
NCBI GeneID	55740
UniProt Accession #	Q8N8S7
Molecular Weight	80/88/140kDa
NCBI Official Full Name	ENAH protein, partial
NCBI Official Synonym Full Names	ENAH actin regulator
NCBI Official Symbol	ENAH
NCBI Official Synonym Symbols	ENA; MENA; NDPP1
NCBI Protein Information	protein enabled homolog
UniProt Protein Name	Protein enabled homolog
UniProt Gene Name	ENAH
UniProt Synonym Gene Names	MENA
UniProt Entry Name	ENAH_HUMAN

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